

Inventors: Masayuki lakezawa et ai.
Title: IMAGING APPARATUS IN WHICH REDUCED
RESOLUTION IMAGE DATA IS GENERATED, AND WHEN
SUPPLIED OVER AN IMAGE DATA BUS, THE RESOLUTION
IS INCREASED AND OUTPUTTED
Serial No. 09/353,287

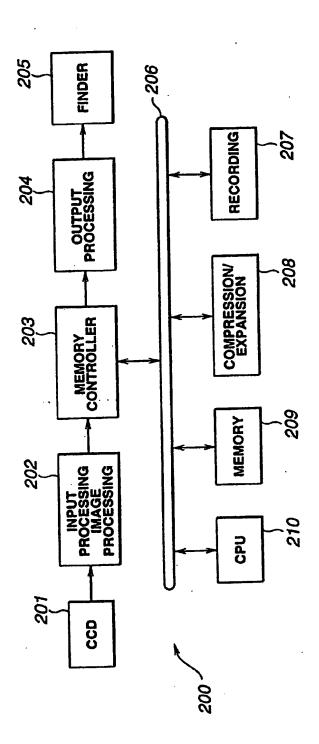
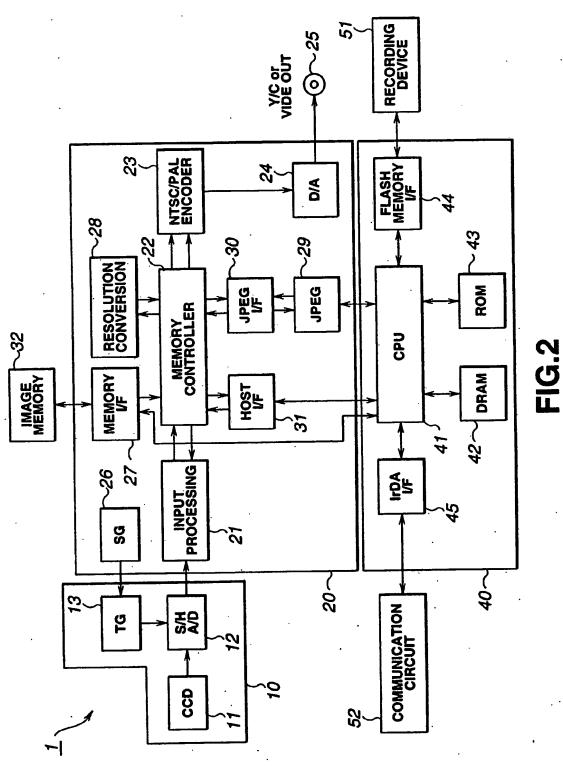


FIG.1 (PRIOR ART)

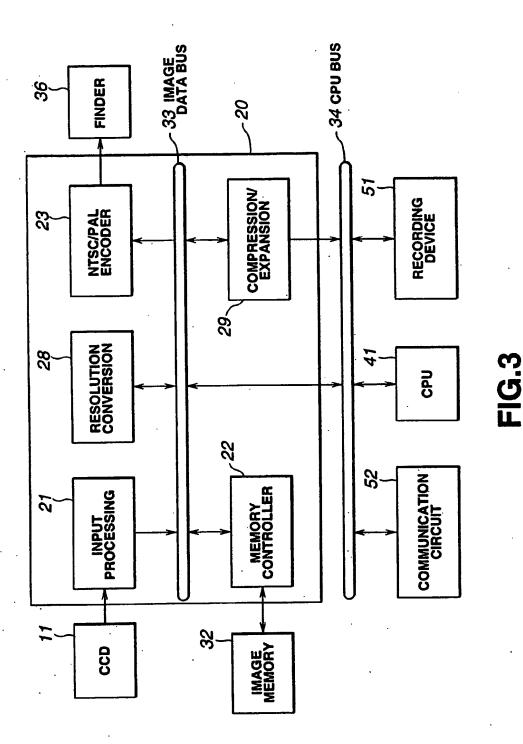




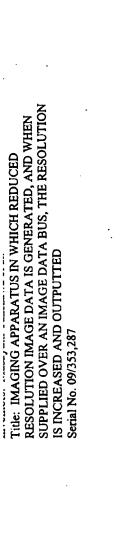




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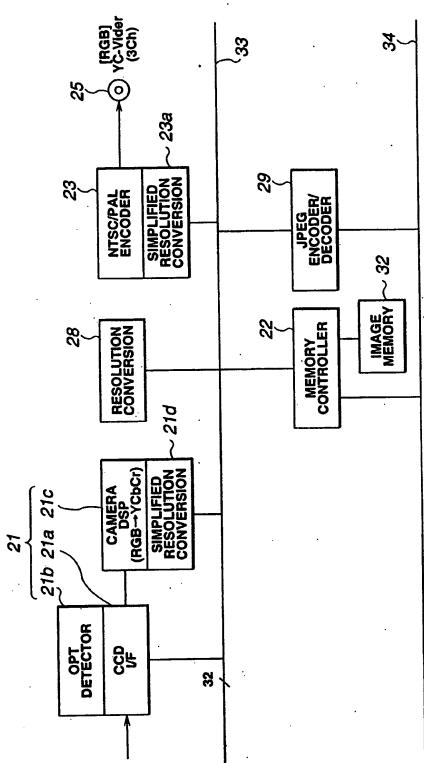


FIG.4



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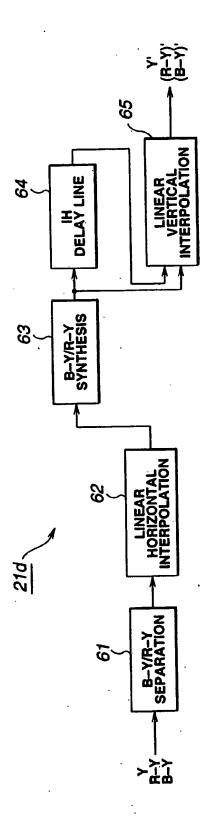


FIG.

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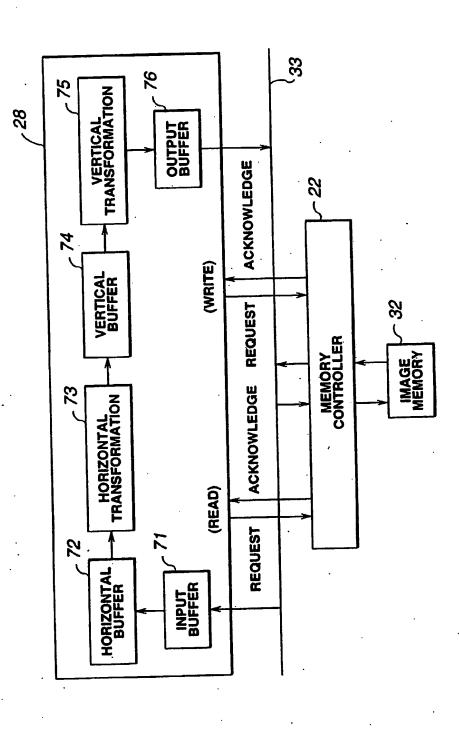


FIG.6



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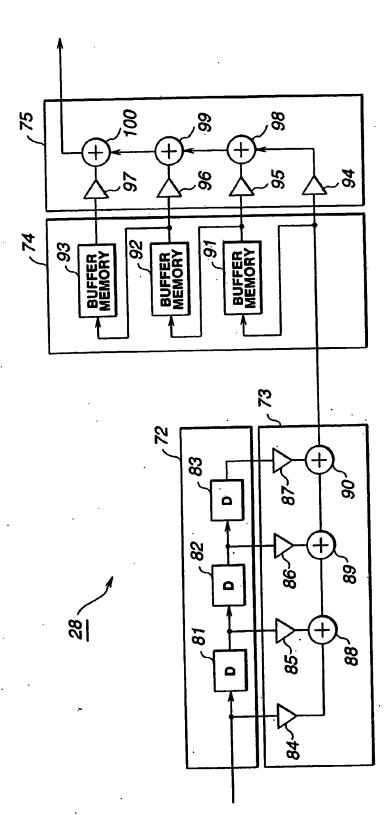


FIG.7



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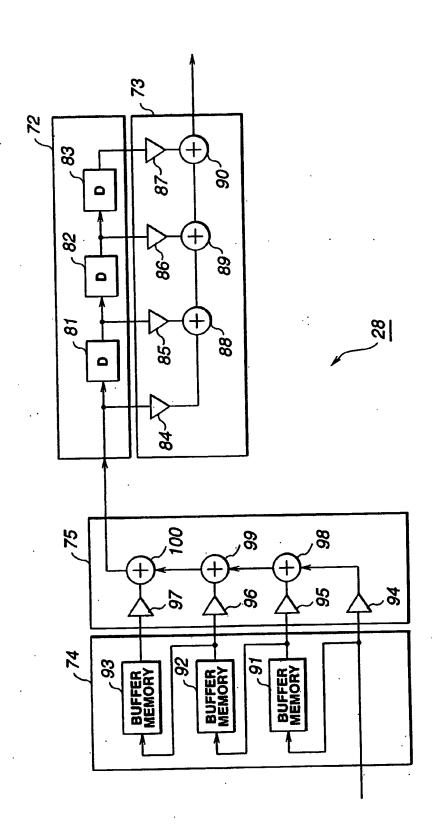


FIG.8



Title: IMAGING APPARATUS IN WHICH REDUCED RESOLUTION MAGE DATA IS GENERATED, AND WHEN SUPPLIED OVER AN IMAGE DATA BUS, THE RESOLUTION IS INCREASED AND OUTPUTTED Serial No. 09/353,287

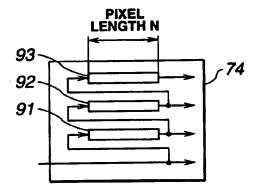


FIG.9

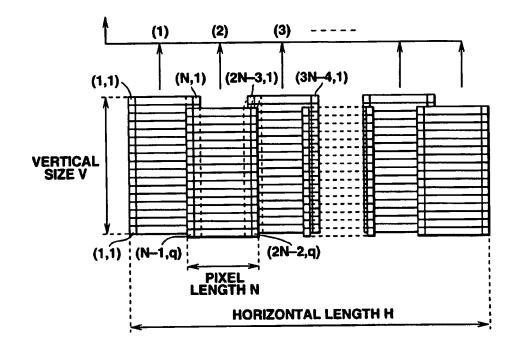


FIG.10



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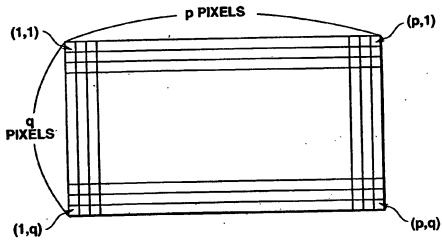


FIG.11

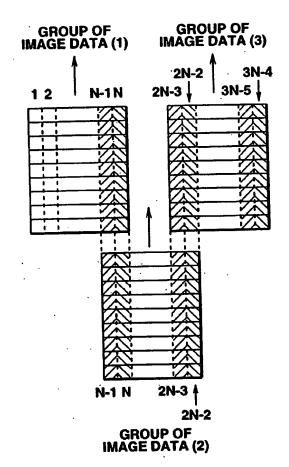


FIG.12



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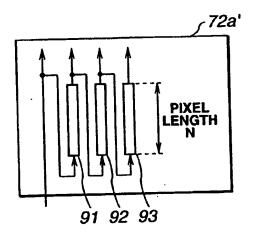


FIG.13

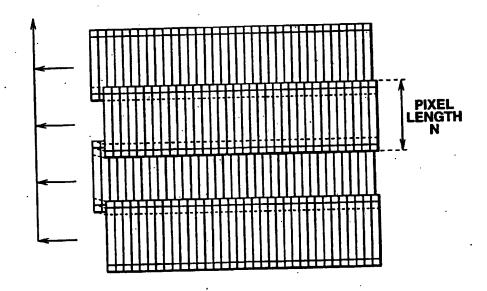


FIG.14



Title: IMAGING APPAKATUS IN WHICH RESOLUTION LAGE DATA IS GENERATED, AND WHEN SUPPLIED OVER AN IMAGE DATA BUS, THE RESOLUTION IS INCREASED AND OUTPUTTED Serial No. 09/353,287

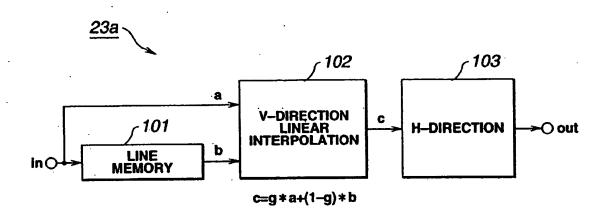


FIG.15

SUPPLIED OVER AN IMAGE DATA BUS, THE RESOLUTION RESOLUTION IMAGE DATA IS GENERATED, AND WHEN Title: IMAGING APPARATUS IN WHICH REDUCED IS INCREASED AND OUTPUTTED INVENTORS: IMASAYUKI LAKCZAWA VI 411. Serial No. 09/353,287



1/3 THINNING

ပ ဥ ප ပ် ဌ ပ် ဌ ம ပ် G ဌ 4 ပ က g ರ S C Ö ဌ ဖ S ე ე 4 က ဥ 2 FIG.16C CAMDSP

cb cr cb cr cb cr cb cr cb cr cb ø CbCr ເດ CPC က <u></u> S S O CbCrCb ဖ 4 ca crica crica crica crica crica cr N FIG.16D DRAM

YC422(320×240)

CAMDSP-DRAM Z O DRAM→ OSD D-NC-DD-0 DRAM → NTSC N-O 0-0 FIG. 16F DRAM (16bit)

0-0

ZIO